



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Junru Jiao, *et al.*

Serial No. 10/829,549

Filed: April 22, 2004

Title: HORIZON-BASED RESIDUAL
DEPTH MIGRATION
VELOCITY ANALYSIS

§ Group Art Unit: 3663

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§ Examiner: Scott A. Hughes

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§ Atty Docket No. PGS-03-07US

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Mail Stop Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate of Mailing for First Class Mail

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

E. Eugene Thigpen
E Eugene Thigpen

Date: February 6, 2006

REPLY AS SUBMISSION WITH REQUEST FOR CONTINUED EXAMINATION
UNDER 37 CFR § 1.114

(A) INTRODUCTORY COMMENTS

Sir:

In response to the Office Action dated, December 21, 2005, please reconsider the application in view of the amendments and remarks which follow.

Amendments to the Claims begin on page 2 of this Reply.

Remarks/argument begin on page 4 of this Reply.